



1973

# 1973 Pt. Lobos AIAA Section, Admiral William Adger Moffett Award

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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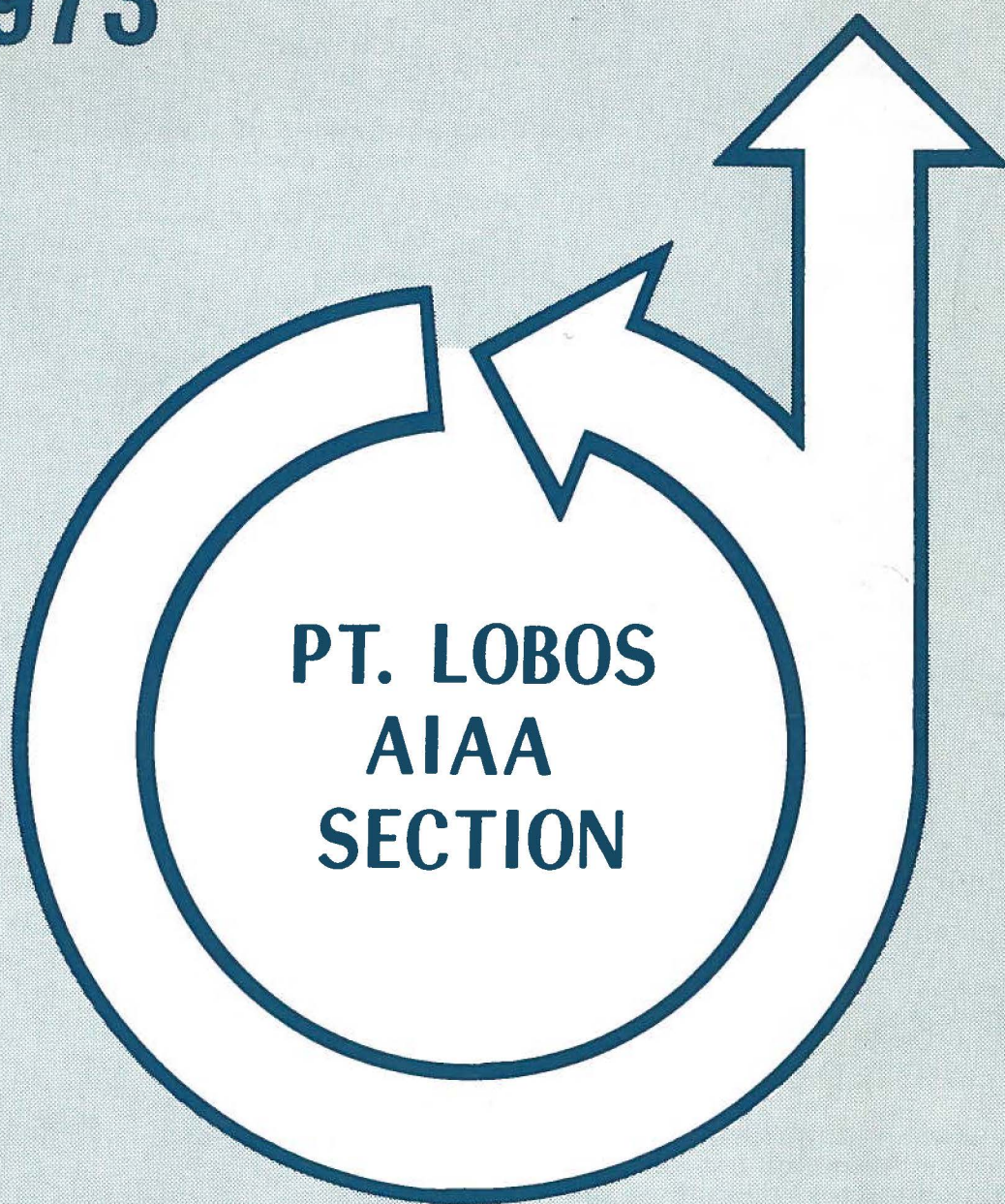


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**1973**



**PT. LOBOS  
AIAA  
SECTION**

**ADMIRAL WILLIAM ADGER MOFFETT  
AWARD**



Ref.  
V423  
F4 26  
v. 2  
22 June 1973



## LCDR PHILIP R. ELDER, USN

LCDR Philip R. Elder was born 28 December 1942 in Bloomsburgh, Pennsylvania, son of Philip and Ruth Elder. He was raised in Valdosta, Georgia, and attended high school at the Bolles School in Jacksonville, Florida, where he graduated in June 1960.

After one year at Georgia Tech, he was admitted into the Class of 1955, United States Naval Academy, and received his commission on 9 June 1965. He entered flight training at Pensacola in September 1965 and received his aviator's wings at NAS Corpus Christi in December 1966. He served in Patrol Squadron NINETEEN from September 1967 until January 1970 where he received the Navy Achievement Medal for his contribution in his assignments as Communication Officer and Quality Assurance Officer.

He attended the Naval Postgraduate School in Monterey from January 1970 until December 1972 when he graduated with honors with the degrees, Master of Science in Aeronautics and Aeronautical Engineer. He is now attached to the staff of Commander Carrier Division THREE serving in the capacity of Flag Secretary.

## AWARD COMMITTEE COMMENTS

The Admiral William Adger Moffett award is presented to a graduate in Aeronautical Engineering on the basis of academic excellence including thesis and evaluation of career potential. There were many strong candidates for the 1973 Admiral Moffett Award. LCDR Elder was selected because of his balance and strength in all three areas -- academic excellence, thesis, and career potential. LCDR Elder's thesis in unsteady, transonic, cascade flow is a timely contribution to the understanding of aeromechanical stability problems of aircraft gas turbines.





WILLIAM ADGER MOFFETT, who was Class of 1890 of Naval Academy, was born in Charleston, South Carolina, in 1869. Upon commissioning in USN, he served in a variety of sea and shore billets including duty with ADMIRAL DEWEY at the Battle of Manila Bay. In 1913 he was Executive Officer of the USS ARKANSAS and subsequently commanded the USS MAINE, USS NORTH CAROLINA, USS BROOKLYN, and USS CHESTER. While in command of the USS CHESTER, he earned the



Medal of Honor at the Battle of Vera Cruz in 1914. The Citation which accompanies the medal states in part, "For distinguished conduct in battle . . . He placed her nearest the enemy and did most of the firing and received most of the hits."

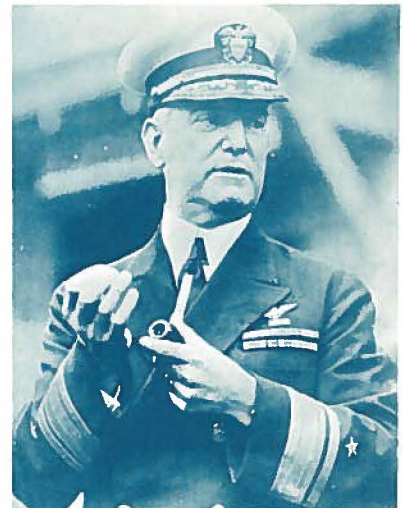
During World War I, CAPTAIN MOFFETT was Commanding Officer of the Great Lakes Naval Training Station and also was Commandant of the Ninth, Tenth, and Eleventh Naval Districts. Following the Armistice, he became Commanding Officer of the USS MISSISSIPPI.

In January, 1921, he reported to the Chief of Naval Operations and in March, 1921, assumed duty as Director of Naval Aviation. He was commissioned the first Chief of the Bureau of Aeronautics with accompanying rank of Rear Admiral. This initial appointment was for four years followed by a second four-year appointment by

President Coolidge and a third four-year appointment by President Hoover. ADMIRAL MOFFETT participated in the 1930 Naval Conference in London.

ADMIRAL MOFFETT qualified as a Naval Aviation Observer in 1912. During the latter years of his service as Chief of the Bureau of Aeronautics, he was recognized as more experienced in all types of airplanes, seaplanes, and big airships than "any Admiral in any Navy in the World."

As a result of ADMIRAL MOFFETT'S vision, determination and untiring effort, Naval Aviation grew into a formidable force. ADMIRAL MOFFETT encouraged technical excellence; many of the officers on his staff were the foremost aeronautical engineers of the day. Development of lighter-than-air airships in the United States was largely due to ADMIRAL MOFFETT.



ADMIRAL MOFFETT was killed in a crash at sea of the USS AKRON on 4 April 1933.



# Admiral William Adger Moffett Award

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The Admiral Moffett Award is made possible by the generous help of the following organizations and individuals. A trust fund has been established, and the proceeds from that fund provide for the award.

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### 1972-1973

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### Captain Charles S. Moffett Memorial Contributions

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